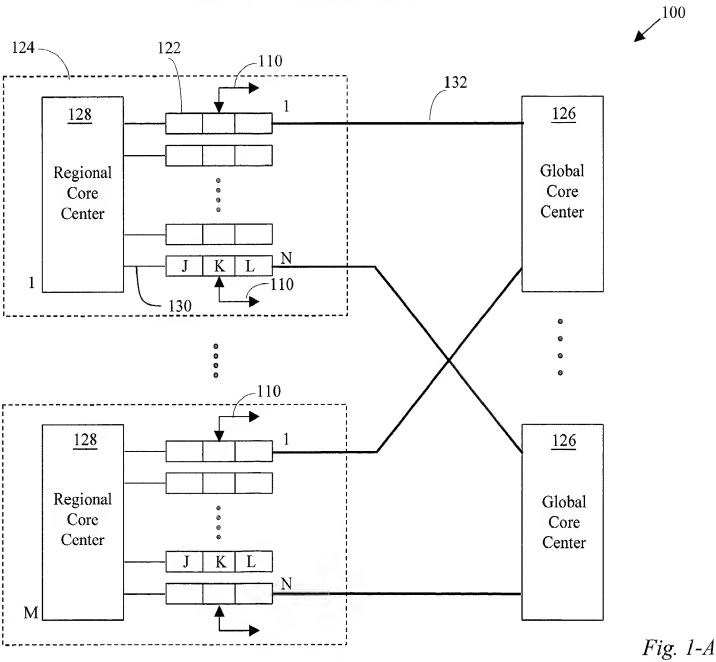

100
124
122
110
132
128
Regional
Core
Center
1
126
Global
Core
Center
J
K
L
N
1
130
110
M

Fig. 1-A

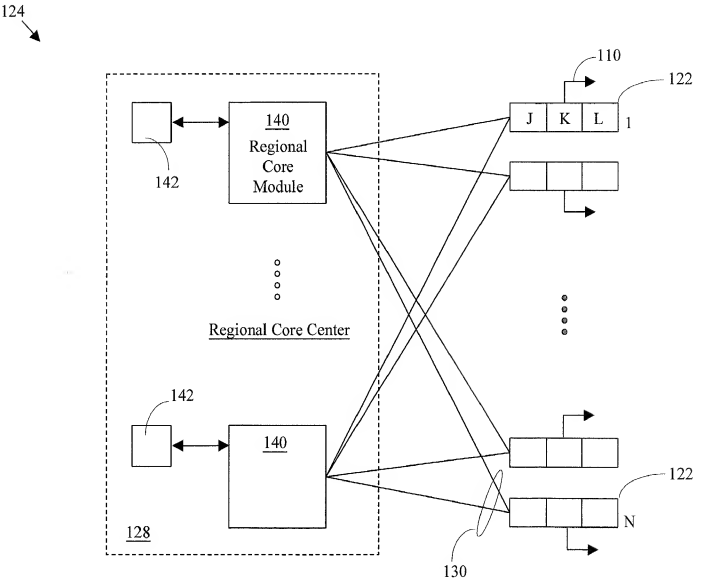

124
110
122
J
K
L
1
140
Regional
Core
Module
142
Regional Core Center
142
140
128
122
N
130

Fig. 1-B

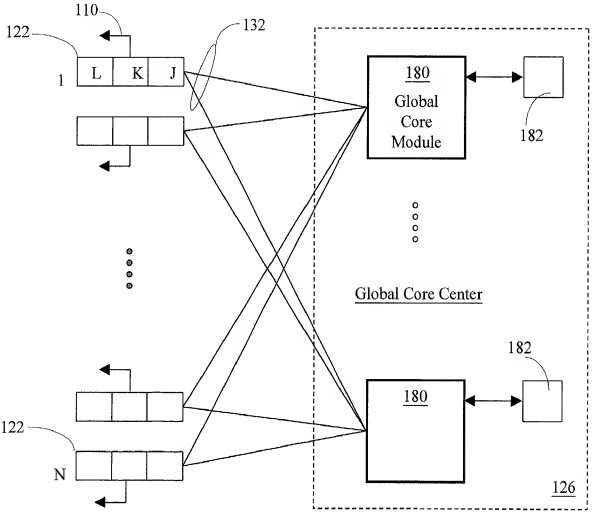

110
122
132
1
L
K
J
180
Global
Core
Module
182
Global Core Center
182
180
122
N
126

Fig. 1-C

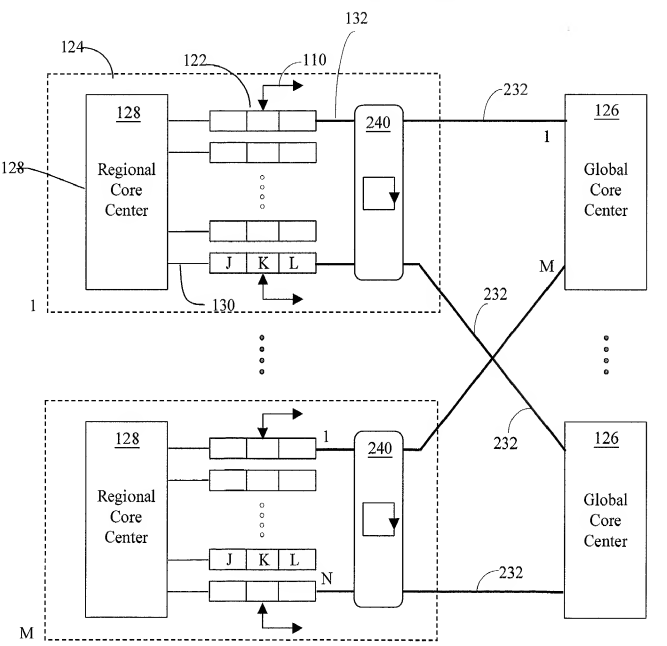

200
132
124
122
110
232
126
128
240
Global
Core
Center
Regional
Core
Center
128
1
J
K
L
130
M
N

Fig. 2-A

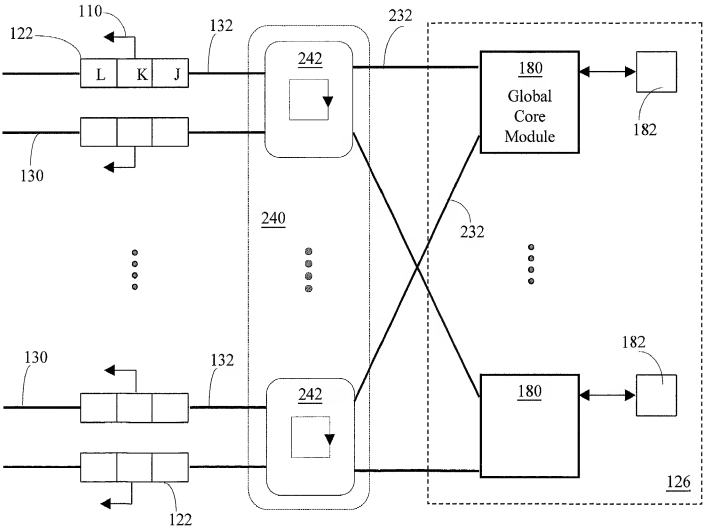

110
122
132
232
L
K
J
242
180
Global
Core
Module
182
130
240
232
130
132
182
242
180
126
122

Fig. 2-B

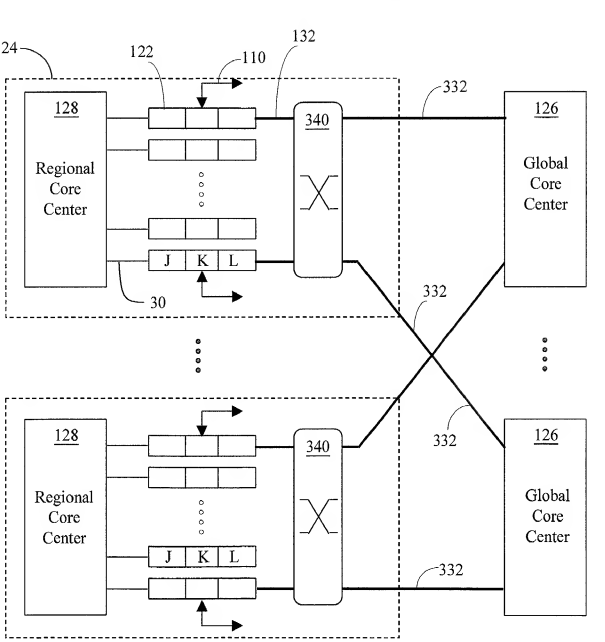

300
24
122
110
132
332
128
Regional Core Center
340
126
Global Core Center
J
K
L
30
332
128
Regional Core Center
340
332
126
Global Core Center
J
K
L
332

Fig. 3-A

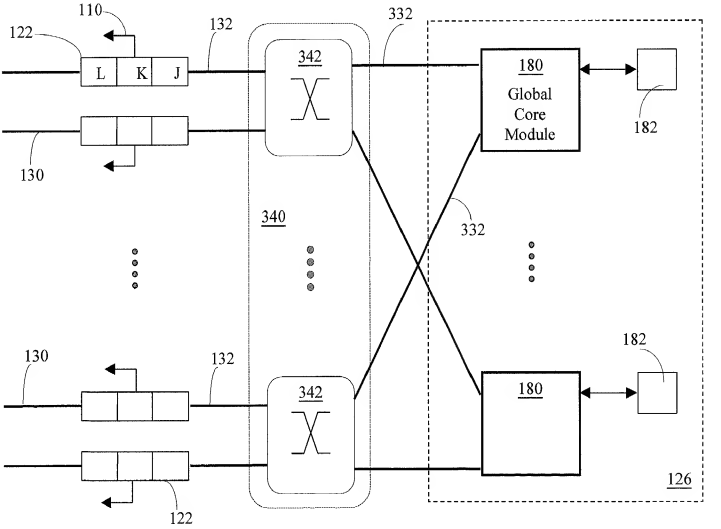
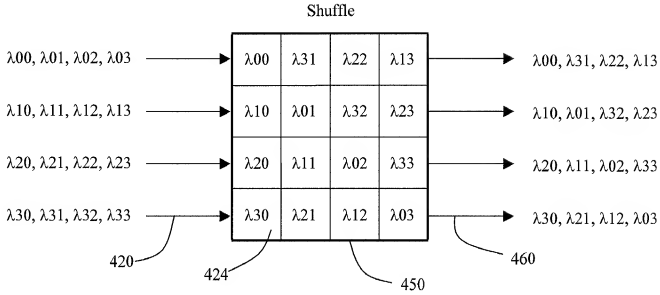

110
122
L
K
J
132
342
332
180
Global
Core
Module
182
130
340
332
130
132
342
180
182
126
122

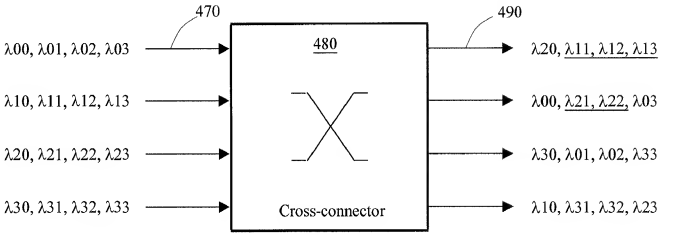
Fig. 3-B

09748846.1280800



(Prior Art)

Fig. 4-A



(Prior Art)

Fig. 4-B

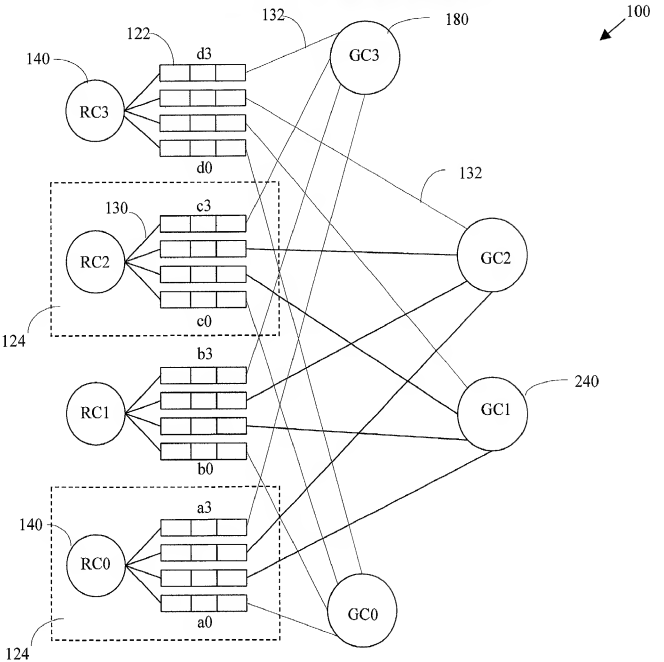

100
132
180
122
d3
140
GC3
RC3
d0
132
130
c3
RC2
GC2
124
c0
b3
240
RC1
GC1
b0
a3
140
RC0
GC0
a0
124

Fig. 5

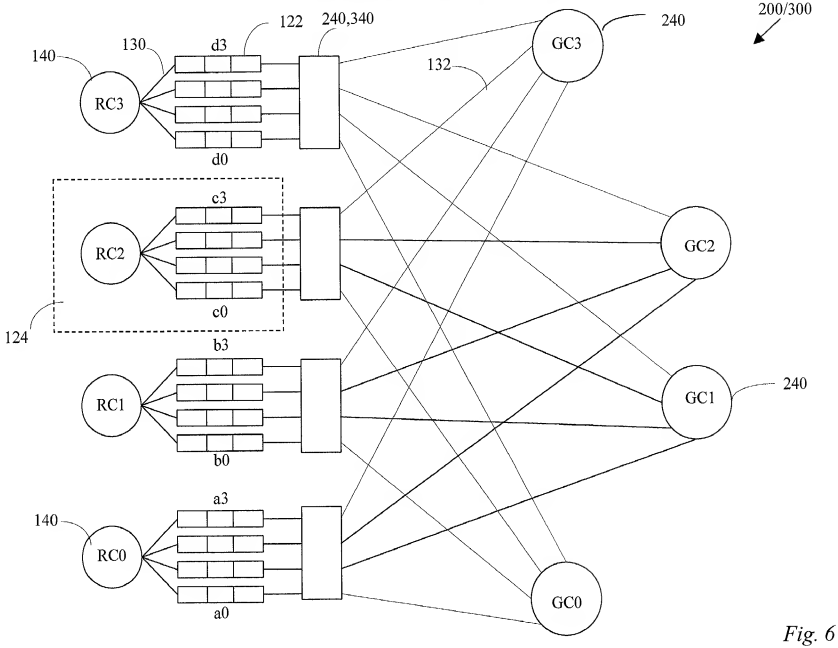

200/300
240
GC3
132
122
240,340
130
d3
140
RC3
d0
c3
RC2
c0
124
GC2
b3
RC1
b0
240
GC1
a3
140
RC0
a0
GC0

Fig. 6

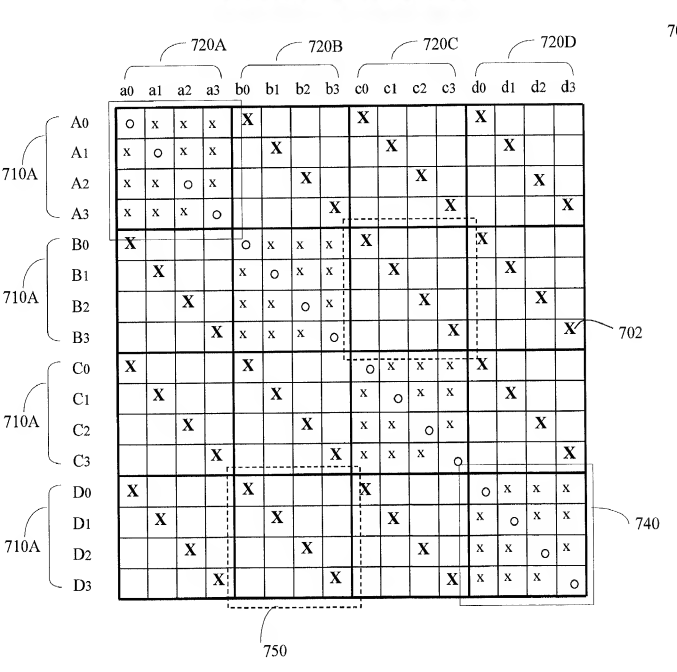

700
720A
720B
720C
720D
a0 a1 a2 a3 b0 b1 b2 b3 c0 c1 c2 c3 d0 d1 d2 d3
A0 A1 A2 A3
B0 B1 B2 B3
C0 C1 C2 C3
D0 D1 D2 D3
710A
710A
710A
710A
702
740
750

Fig. 7

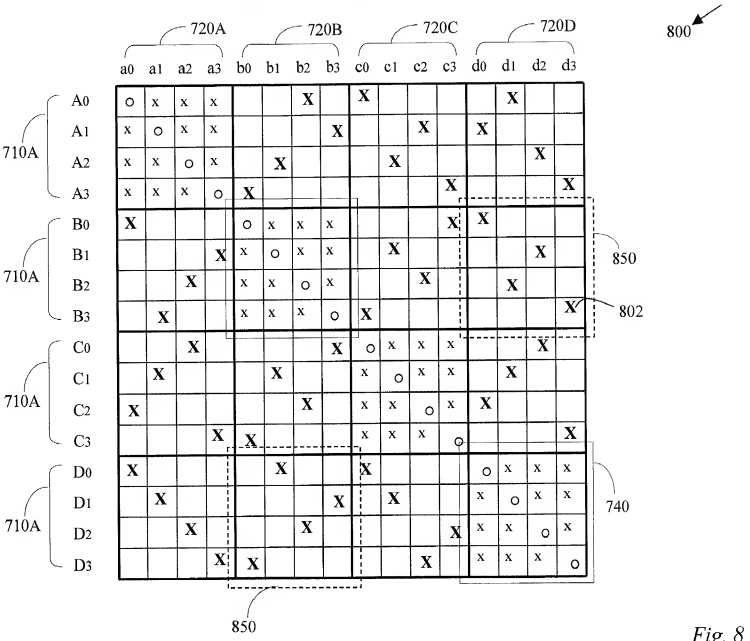

800
720A
720B
720C
720D
a0 a1 a2 a3 b0 b1 b2 b3 c0 c1 c2 c3 d0 d1 d2 d3
A0 A1 A2 A3
B0 B1 B2 B3
C0 C1 C2 C3
D0 D1 D2 D3
710A
710A
710A
710A
850
802
740
850

Fig. 8

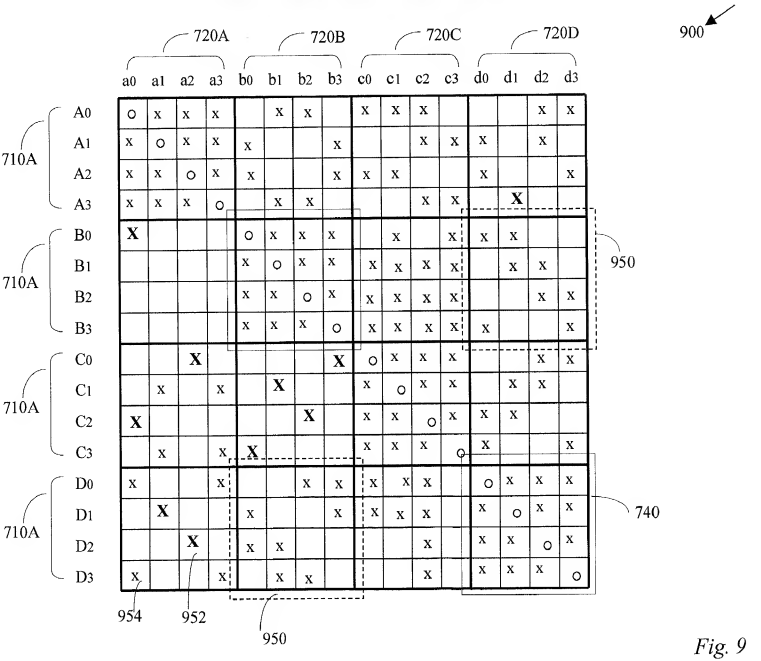

900
720A
720B
720C
720D
a0 a1 a2 a3 b0 b1 b2 b3 c0 c1 c2 c3 d0 d1 d2 d3
A0 A1 A2 A3
B0 B1 B2 B3
C0 C1 C2 C3
D0 D1 D2 D3
710A
710A
710A
710A
950
740
954
952
950

Fig. 9